

Listing of Claims:

1. (Currently Amended) A photosensor device, which  
~~comprises~~ comprising:

a light-applying fiber to apply an inspection light to a subject to be inspected;

5 a light-receiving fiber to receive a reflected light from the subject to be inspected;

a laser beam source to emit the inspection light to the light-applying fiber;

a photosensor to receive the reflected light via the light-receiving fiber; and

10 a casing enclosing the light-applying fiber, the light-receiving fiber, the laser beam source and the photosensor,

wherein the light-applying fiber and the light-receiving fiber are bundled to form a fiber bundle, and an objective

15 optical system is provided at a front end of the fiber bundle.

2. (Currently Amended) The photosensor device according to Claim 1, wherein the photosensor device comprises fiber arrays obtained by disposing plural channels of sensor units in the casing, and wherein each of the sensor unit units as one channel comprises the one said light-applying fiber, one said fiber bundle, the light receiving fiber which forms a pair with the

light-applying fiber, the one said laser beam source connected to the light-applying fiber of the fiber bundle, and the one said photosensor connected to the light-receiving fiber of the fiber bundle.

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3. (Currently Amended) A disk inspection apparatus for irradiating an inspection light on a surface of a rotating disk and inspecting surface conditions of the disk based on a reflected light, ~~which comprises~~ said disk inspection apparatus comprising:

a turning table for rotating the disk ~~fitted thereon~~;

a photosensor body disposed opposite to the surface of the disk; and

10 a transfer means for reciprocally transferring the photosensor body in a direction perpendicular to a rotating direction of the disk along the surface of the disk;

wherein the photosensor body comprises a fiber array constructed by arranging sensor units as multi-channels, and

15 wherein each of the sensor units comprising as one unit,

comprises:

a light-applying fiber,

a light-receiving fiber which ~~forms a pair is bundled~~ with the light-applying fiber to form a fiber bundle,

20 a laser beam source connected to emit the inspection  
light to the light-applying fiber, and  
a photosensor to receive the reflected light  
via connected to the light-receiving fiber, and  
an objective optical system provided at a front end of  
the fiber bundle.

4. (Currently Amended) The disk inspection apparatus  
according to Claim 3, wherein a plurality of the fiber arrays are  
arranged in plural lines in such a state such that phases of  
adjacent fiber arrays are shifted.